

Standard Operating Procedures for Latent Print Processing with Wetwop™

1 Scope

Wetwop™ is used by latent print personnel to develop latent prints on adhesive surfaces. The Latent Print Units use black and white Wetwop™.

2 Equipment/Materials/Reagents

Camel hair brush or other similar small brush

Petri dish or other container

Squirt bottles

Water

Wetwop™ (Black and White)

3 Standards and Controls

Not applicable.

4 Sampling or Sample Selection

Not applicable.

5 Procedures

5.1 Solution Preparation

- a) Shake the bottle.
- b) Pour a small amount of solution into a petri dish or other suitable container.

5.2 Application

- a) Paint the Wetwop™ onto adhesive surface with a camel hair brush or other similar small brush.

- b) Let sit for 15 seconds.
- c) Rinse with a slow stream of water.
- d) Allow to dry.
- e) For digital capture and photography, see FBI Latent Print Units Processing Manual, Preamble.

5.3 Storage

Wetwop™ may be stored in any type of laboratory accepted receptacle away from extreme heat, ignition sources, or open flame.

5.4 Shelf Life

Wetwop™ has an indefinite shelf life provided the reagent check is satisfactory.

5.5 Reagent Checks

See FBI Latent Print Units Processing Manual, Preamble.

6 Calculations

Not applicable.

7 Measurement Uncertainty

Not applicable.

8 Limitations

Not applicable.

9 Safety

See FBI Laboratory Safety Manual for appropriate information.

10 References

FBI Laboratory Safety Manual, Federal Bureau of Investigation, Laboratory Division. Latest Revision.

FBI Latent Print Units Processing Manual, Preamble, Federal Bureau of Investigation, Laboratory Division. Latest Revision.

Molina, D. “The use of Un-du to separate adhesive materials”. *JFI*. 57(5): 688-696.

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Sanders, N. “Recovery of fingerprint evidence from post-blast device materials”. *JFI*. 61(3):281-295.

Rev. #	Issue Date	History
0	12/16/16	Original document issued.
1	10/02/17	Updated for Biometrics Analysis Unit.

Approval

Redacted - Signatures on File